SAMSUNG

SGH-C450

User's Guide

- Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.
- Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

World Wide Web
http://www.samsungmobile.com

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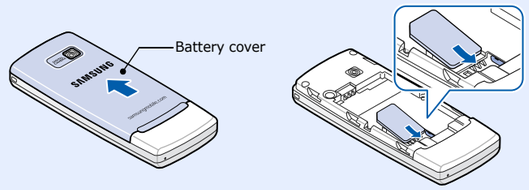
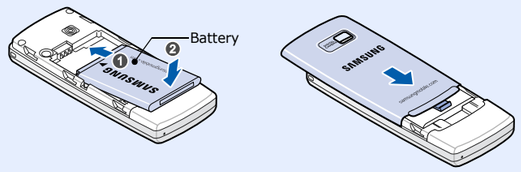
Installing the SIM card and battery

1. Remove the battery cover and insert the SIM card.

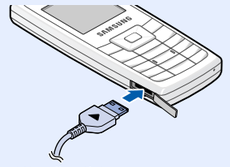


2. Install the battery and reattach the cover.



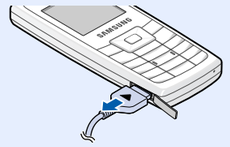
Charging the battery

1. Plug the supplied travel adapter.



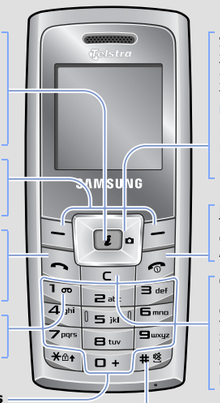
Note: When you plug in the travel adapter, the charging indicator may not appear for up to 5 minutes, but the battery is charging properly.

2. When charging is finished, unplug the adapter.



Note: Do not remove the battery from the phone without unplugging the adapter first. Otherwise, the phone may be damaged.

Phone layout and key functions


Web access/ Confirm key
In Idle mode, accesses the web browser. Selects the highlighted option or confirms input in Menu mode.
Soft keys
Perform functions indicated by the text above the key.
Dial key
Makes and answers a call. In Idle mode, retrieves the most recent calls.
Voicemail server key
▶ Voicemail server
Alphanumeric keys
4-way navigation keys
In Menu mode, scroll through menu options. In Idle mode, access the following menus:
Up/Down: adjust the key tone volume.
Left: Create
Right: Camera
Power/End key
Turns the phone on or off when held down. Also ends a call.
Cancel/Clear key
Deletes characters from the display. Returns the display to the previous menu level. Sends an SOS message when pressed four times with the keypad locked.
▶ SOS mode
Silent mode key
▶ Silent mode

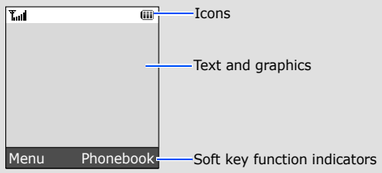
Silent mode Press and hold # in Idle mode to disable all sounds on the phone. To exit, press and hold this key again.

Voicemail server Press and hold **1** in Idle mode to access your voicemail server.

SOS mode Press **C** four times when the keypad is locked to send an SOS message to preset numbers. Once the SOS message is sent, the phone will change to SOS mode and will receive calls only from the registered recipients. Upon receiving a call from the SOS message recipients, the phone will automatically answer the call. Press to exit SOS mode.

Display

Your phone is in Idle mode when you are not on a call or using a menu. You must be in Idle mode to dial a phone number.



Your phone displays the following status indicators on the top of the screen:

Icon	Description
	Signal strength
	Call in progress
	Out of your service area ; you cannot make or receive calls except for emergency calls
	SOS message feature active
	GPRS network
	Alarm set
	Home Zone, if registered for the appropriate service
	Call diverting feature active
	New text message
	New multimedia message
	New voicemail message
	Silent mode
	Ringer type • None: Melody • : Vibration • : Vibration then melody
	Battery power level

Switching on or off the phone

1. Press and hold for more than one second to switch on the phone.
2. To switch off the phone, press and hold for more than two seconds.

Changing the display language

1. In Idle mode, press the **Menu** soft key.
2. Select **Phone settings** → **Language** → **Text language**.
3. Select a language.

Making a call

1. In Idle mode, enter an area code and phone number, and press .
2. When you want to end the call, press .

Answering a call

1. When the phone rings, press the **Accept** soft key or to answer a call.
2. To end the call, press .

Adjusting the volume

1. In Idle mode, press the **Menu** soft key.
2. Select **Sound settings** → **Incoming calls** → **Ring volume**.
3. Press the Navigation keys to adjust the volume level.
4. Press the **Save** soft key.

While a call is in progress, press **Up** or **Down** to adjust the earpiece volume.

Changing a ringtone for calls

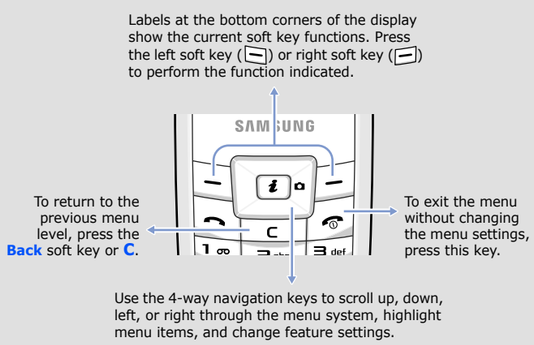
1. In Idle mode, press the **Menu** soft key.
2. Select **Sound settings** → **Incoming calls** → **Default ringtones** or **My sounds**.
3. Select a ringtone and press the **Yes** soft key.

Redialling recent numbers

1. In Idle mode, press .
2. Press **Up** or **Down** to scroll to the number you want.
3. Press to dial the number.

Using the menus

In Idle mode, press the **Menu** soft key to enter the main menu.


Labels at the bottom corners of the display show the current soft key functions. Press the left soft key ( ) or right soft key ( ) to perform the function indicated.
To return to the previous menu level, press the Back soft key or C.
To exit the menu without changing the menu settings, press this key.
Use the 4-way navigation keys to scroll up, down, left, or right through the menu system, highlight menu items, and change feature settings.

To select or modify a menu or feature:

1. In Idle mode, press the **Menu** soft key.
2. Press the Navigation keys to reach a desired menu and then press the **Select** soft key or .
3. If the menu contains any submenus, locate the one you want by pressing the Navigation keys. Press the **Select** soft key or to enter the submenu.

   If the selected menu contains additional submenus, repeat this step.
4. Press the Navigation keys to find the setting of your choice.
5. Press the **Select** soft key or to confirm your chosen setting.

Shortcut numbers

You can quickly access the menu you want by using shortcut numbers. The shortcut number displays in front of the menu name in Menu mode.

Menu map

1. Call logs
1.1 Missed calls
1.2 Received calls
1.3 Dialled calls
1.4 Delete all
1.5 Call time
1.6 Call costs*

2. Network services
2.1 Call diverting
2.2 Call barring
2.3 Call waiting
2.4 Network selection
2.5 Caller ID
2.6 Active line*

3. Applications
3.1 Voice recorder
3.2 FM radio
3.3 SIM-AT*

4. Sound settings
4.1 Incoming calls
4.2 Messages
4.3 Power on/off
4.4 Connection tone
4.5 Keypad tone
4.6 Minute minder
4.7 Silent mode
4.8 Alerts on call

5. Messages
5.1 Text messages
5.2 Multimedia messages
5.3 Push messages
5.4 Preset messages
5.5 Voice mail
5.6 Broadcast
5.7 Settings
5.8 SOS messages
5.9 Memory status

6. Funbox
6.1 WWW services
6.2 Media box
6.3 JAVA world

7. Planner
7.1 New memo
7.2 Calendar
7.3 To-do list
7.4 Clock
7.5 Alarm
7.6 Calculator
7.7 Convertor
7.8 Timer
7.9 Stopwatch

8. Camera
8.1 Take photo
8.2 My photos
8.3 Delete all
8.4 Settings
8.5 Memory status

9. Phone settings
9.1 Display
9.2 Greeting message
9.3 Language
9.4 Security
9.5 Auto redial
9.6 Voice clarity
9.7 Anykey answer
9.8 Auto keypad lock
9.9 Reset settings

Press the **Phonebook** soft key in Idle mode.
1. Find name
2. FDN list
3. Add entry
4. Speed-dial list
5. Own number
6. Group setting
7. Management
8. Search by initials
9. SDN*

* Available only if supported by your SIM card.

Entering text

Changing the text input mode

In a text input field, press the right soft key until the input mode indicator you want appears:

- T9 mode
- ABC mode
- Number mode
- Symbol mode

T9 mode

1. Press **2** to **9** to start entering a word. Press each key once for one letter.

   Example: To enter "Hello" in T9 mode, press **4**, **3**, **5**, **5**, and **6**.

   T9 predicts the word that you are typing, and it may change with each key that you press.
2. Enter the whole word before editing or deleting characters.
3. When the word displays correctly, go to step 4. Otherwise, press **0** to display alternative word choices for the keys that you have pressed.

   For example, "Of" and "Me" use **6** and **3**.
4. Press # to insert a space and enter the next word.

ABC mode

Press the keys labelled with the character you want:

- once for the first character
- twice for the second character
- and so on.

For example, press **2** three times to enter "C" and **5** two times to enter "K".

Number mode

Press the keys corresponding to the digits you want.

Symbol mode

Press the number keys corresponding to the symbol you want and press the **OK** soft key. You can press **Up** or **Down** to display more symbols.

Tips for entering text

- To move the cursor, press the Navigation keys.
- To delete characters one by one, press **C**. To delete all of the characters, press and hold **C**.
- To insert a space between characters, press **#**.
- To change case in T9 mode or ABC mode, press *.
- To enter punctuation marks in T9 mode or ABC mode, press **1**.

Sending an SMS message

1. In Idle mode, press **Left**.
2. Enter the message text.
3. Press the **Options** soft key and add items using the following options:
   - **Add media**: add sounds, images, or animated images.
   - **Add emoticon**: add emoticons.
   - **Preset messages**: add text templates.
4. Press the **Options** soft key and select **Send**.
5. Select an empty location.
6. Enter a destination number and press the **OK** soft key.
7. Press the **Send** soft key to send the message.

Quick feature reference

This section provides brief explanations of features on your phone.

Feature	Description	Select
Find a contact	Search for contacts in Phonebook.	Phonebook > Find name
FDN list	Create a list of contacts to be used in FDN (Fixed dialling Number) mode.	Phonebook > FDN list
Add a new contact	Add a new contact to Phonebook.	Phonebook > Add entry
Speed dial	Assign speed dial numbers (2 to 9) for eight of your most frequently dialled numbers.	Phonebook > Speed-dial list
Check your own phone numbers	Check your phone numbers or assign a name to them.	Phonebook > Own number
Change properties of a caller group	Select a ringtone and image for incoming calls and messages from members of a group.	Phonebook > Group setting
Management	Manage contacts in Phonebook.	Phonebook > Management
Find a contact by initials	Activate the last name and first name input fields on the contact list. You can find a contact with the initials.	Phonebook > Search by initials
SDN (Service Dialling Numbers)	Access the list of service numbers assigned by your service provider.	Phonebook > SDN
View recent calls	View the most recent calls you have dialled, received, or missed.	Menu > Call logs > Missed calls, Received calls, or Dialled calls
Delete recent calls	Delete the call logs in each call type, or all logs at once.	Menu > Call logs > Delete all
Call time display	View the duration of recent calls you have dialled and received. Also reset the time counter.	Menu > Call logs > Call time
Call cost display	View the cost of your calls.	Menu > Call logs > Call costs
Network services	Access network services offered by your service provider.	Menu > Network services
Voice memo	Record voice memos and listen to them.	Menu > Applications > Voice recorder
FM radio	Listen to music or news via the FM radio on your phone. First, you must connect your phone with the headset, which serves as a radio antenna.	Menu > Applications > FM radio
Use the SIM service	Use a variety of additional services offered by your service provider.	Menu > Applications > SIM-AT
Select ringtone and volume	Select a ringtone for incoming calls, a volume level, or an alert type.	Menu > Sound settings > Incoming calls
Select a message tone	Select the alert ringtone and alert type for incoming messages or set how often you are informed of a new message.	Menu > Sound settings > Messages
Power on/off tone	Set the phone to sound when it is switched on or off.	Menu > Sound settings > Power on/off
Connection tone	Set the phone to beep when a call is connected to the system.	Menu > Sound settings > Connection tone
Select key tone and volume	Select a tone which the phone sounds when you press a key or adjust the key tone volume.	Menu > Sound settings > Keypad tone
Minute minder	Set the phone to beep every minute during a call to keep you informed of the length of your call.	Menu > Sound settings > Minute minder
Silent mode	Set how the phone acts to alert you to a specific event while in Silent mode.	Menu > Sound settings > Silent mode
Alerts on call	Set the phone to alert you when you receive a new message or when the time for an alarm comes during a call.	Menu > Sound settings > Alerts on call
Send SMS or MMS messages	Create and send messages to other mobile phones.	Menu > Messages > Text messages or Multimedia messages > Create
Read SMS or MMS messages	Read received, sent, or saved messages.	Menu > Messages > Text messages or Multimedia messages > Inbox, Outbox, Draft, or My folder
Emoticon templates	Preset messages of frequently used emoticons.	Menu > Messages > Text messages > Emoticon templates
Delete messages	Delete messages in each message folder, or all messages at once.	Menu > Messages > Text messages or Multimedia messages > Delete all
Push message	Change the settings for the service, and access or delete push messages.	Menu > Messages > Push messages
Message templates	Preset templates of frequently used messages.	Menu > Messages > Preset messages
Voicemail	Access your voicemail server and listen to messages on the network.	Menu > Messages > Voice mail
Broadcast message	Change settings for the service and access broadcast messages.	Menu > Messages > Broadcast
Messaging options	Set options for using messaging services.	Menu > Messages > Settings
SOS message	Activate the SOS message feature. Enter recipients and select the repeat mode.	Menu > Messages > SOS messages
Message memory status	Check memory information for messages.	Menu > Messages > Memory status
Web browser	Launch and configure the web browser.	Menu > Funbox > WWW services
Access media files	Access images and sounds in your phone's memory. You can also delete images or sounds, and check memory information.	Menu > Funbox > Media box
Java applications	Access the embedded Java games and downloaded Java applications.	Menu > Funbox > JAVA world
Schedule an item	Create a new item.	Menu > Planner > New memo
Calendar	Keep track of daily or monthly schedule.	Menu > Planner > Calendar
Task list	Create a list of tasks and assign a deadline to each task.	Menu > Planner > To-do list
Time and date	Set the current time and date manually and set your local time zone.	Menu > Planner > Clock
Alarm	Set an alarm to sound at a specific time.	Menu > Planner > Alarm
Calculator	Perform basic arithmetic functions.	Menu > Planner > Calculator
Converter	Do conversions such as currency and temperature.	Menu > Planner > Convertor
Timer	Set a period of time for the phone to count down.	Menu > Planner > Timer
Stopwatch	Measure elapsed time. The maximum measurement time is 10 hours.	Menu > Planner > Stopwatch
Camera	Take photos in various modes, and access saved photos in jpeg format. You can also delete photos or check memory information for photos.	Menu > Camera
Display settings	Change settings for the display and backlight.	Menu > Phone settings > Display
Greeting message	Enter the greeting message to be displayed when the phone is switched on.	Menu > Phone settings > Greeting message
Language selection	Select a language to be used for the display text or text input mode.	Menu > Phone settings > Language
Security	Protect the phone against unauthorised use.	Menu > Phone settings > Security
Mobile tracker	Track your phone when it is stolen or lost. When someone tries to use your phone with other SIM card, the phone will automatically send the preset tracking message to your family or friends. This feature may be unavailable due to certain features supported by your service provider.	Menu > Phone settings > Security > Mobile tracker
Auto redial	Set the phone to make up to ten attempts to redial a phone number after an unsuccessful call.	Menu > Phone settings > Auto redial
Voice clarity	Remove extraneous noise and increase call quality so that the other person can hear you clearly.	Menu > Phone settings > Voice clarity
Anykey answer	Answer an incoming call by pressing any key, except for the **Spkr on/off** soft key and .	Menu > Phone settings > Anykey answer
Auto keypad lock	Set the phone to automatically lock the keypad in times of inactivity.	Menu > Phone settings > Auto keypad lock
Reset the phone	Reset the phone to the factory default settings.	Menu > Phone settings > Reset settings

Important safety precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal.

Drive safely at all times
Do not use a hand-held phone while driving; park your vehicle first.

Switching off when refuelling
Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

Switching off in an aircraft
Wireless phones can cause interference. Using them in an aircraft is both illegal and dangerous.

Switching off near all medical equipment
Hospitals and health care facilities may be using equipment that could be sensitive to external RF energy. Follow any regulations or rules in force.

Interference
All wireless phones may be subject to interference, which could affect their performance.

Special regulations
Follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it.

Water resistance
Your phone is not water-resistant. Keep it dry.

Sensible use
Use only in the normal position (held to your ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Emergency calls
Key in the emergency number for your present location, then press . Do not end the call until given permission to do so.

Small children and your phone
Keep the phone and all its parts including accessories out of reach of small children.

Accessories and batteries
Use only Samsung-approved batteries and accessories, such as headsets and PC data cables. Use of any unauthorised accessories could damage your phone and may be dangerous.

CAUTION Risk of explosion if a battery is replaced by an incorrect type. Dispose used batteries according to the instructions.

At very high volume, prolonged listening to a headset can damage your hearing.

Qualified service
Only qualified service personnel may repair your phone.

SAR information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the European Union (EU) Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by the EU Council is 2.0 W/kg. The highest SAR value for this model phone was 0.932 W/kg.

SAMSUNG ELECTRONICS

Declaration of Conformity (R&TTE)

We, **Samsung Electronics**

declare under our sole responsibility that the product

GSM Mobile Phone : SGH-C450

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

SAFETY	**EN 60950- 1 : 2001 +A11:2004**
EMC	**EN 301 489- 01 V1.4.1 (08-2002)** **EN 301 489- 07 V1.2.1 (08-2002)**
SAR	**EN 50360 : 2001** **EN 62209-1 : 2006**
RADIO	**EN 301 511 V9.0.2 (03-2003)**

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Balfour House, Churchfield Road,
Walton-on-Thames, Surrey, KT12 2TD, UK *
Identification mark: 0168

CE 0168

The technical documentation kept at:
Samsung Electronics QA Lab.

which will be made available upon request.
(Representative in the EU)
Samsung Electronics Euro QA Lab.
Blackbushe Business Park, Saxony Way,
Yateley, Hampshire, GU46 6GG, UK *

2007.06.18 (place and date of issue)

Yong-Sang Park / S. Manager (name and signature of authorised person)

*** It is not the address of Samsung Service Centre. For the address or the phone number of Samsung Service Centre, see the warranty card or contact the retailer where you purchased your phone.**